Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Date: 19/02/2020

Lab ID	:	**CP-2020-08-24-48**
Customer	:	Assistant Executive Engineer, T.Dasarahalli Sub Division, BBMP, Bangalore.
Address	:	T.Dasarahalli Sub Division, BBMP, Bangalore.
Project Name	:	Construction of Culvert in Bagalagunte Ward No 14
Agency	:	Sri.M.Lakshinarayana, # 354,,5th (A) Cross, K.H Road, Sharadambanagara, Jalahalli, Bangalore-13
Customer's Reference	:	EE/DD/W.O/513/2019-20
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	14-02-20
Customer ID	:	Deck Slab Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	19/02/2020

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm²)	Average Compressive Strength (N/mm²)
1	Deck Slab Concrete	M20	12/02/2020	19/02/2020	149.11 X 149.13 X 151.88	22238	8.940	410.7	18.5	18.4
2	Deck Slab Concrete	M20	12/02/2020	19/02/2020	149.65 X 151.70 X 151.63	22703	8.793	409.4	18.0	
3	Deck Slab Concrete	M20	12/02/2020	19/02/2020	151.89 X 149.51 X 150.48	22708	8.576	423.6	18.7	

Note:
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ಬಾಗಲಗುಂಟೆ, ಜಿ.ಜಿ.ಎಂ.ಪಿ
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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2020-08-24-48** **Date: 11/03/2020**

Customer : Assistant Executive Engineer, T.Dasarahalli Sub Division, BBMP, Bangalore.

Address : T.Dasarahalli Sub Division, BBMP, Bangalore.

Project Name : Construction of Culvert in Bagalagunte Ward No 14

Agency : Sri.M.Lakshinarayana, # 354,,5th (A) Cross, K.H Road, Sharadambanagara, Jalahalli, Bangalore-13

Customer's Reference : EE/DD/W.O/513/2019-20

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 14-02-20

Customer ID : Deck Slab Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 11/03/2020

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Deck Slab Concrete	M20	12/02/2020	11/03/2020	151.36 X 149.71 X 151.94	22660	8.180	539.5	23.8	23.2
2	Deck Slab Concrete	M20	12/02/2020	11/03/2020	149.70 X 149.87 X 150.46	22434	8.010	495.2	22.1	
3	Deck Slab Concrete	M20	12/02/2020	11/03/2020	151.42 X 149.83 X 150.61	22687	8.983	535.9	23.6	

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2020-08-24-48** **Date: 22/02/2020**

Customer : Assistant Executive Engineer, T.Dasarahalli Sub Division, BBMP, Bangalore.

Address : T.Dasarahalli Sub Division, BBMP, Bangalore.

Project Name : Construction of Culvert in Bagalagunte Ward No 14

Agency : Sri.M.Lakshinarayana, # 354,,5th (A) Cross, K.H Road, Sharadambanagara, Jalahalli, Bangalore-13

Customer's Reference : EE/DD/W.O/513/2019-20

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 17-02-20

Customer ID : Ramp Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 22/02/2020

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Ramp Concrete	M20	15/02/2020	22/02/2020	151.30 X 150.63 X 149.22	22790	**8.940**	427.0	18.7	18.5
2	Ramp Concrete	M20	15/02/2020	22/02/2020	151.67 X 150.16 X 151.87	22774	**8.793**	426.8	18.7	
3	Ramp Concrete	M20	15/02/2020	22/02/2020	151.45 X 149.45 X 150.48	22634	**8.576**	408.9	18.1	

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TEST REPORT OF CEMENT CONCRETE CUBES

Date: 14/03/2020

Lab ID : **CP-2020-08-24-48**
Customer : Assistant Executive Engineer, T.Dasarahalli Sub Division, BBMP, Bangalore.
Address : T.Dasarahalli Sub Division, BBMP, Bangalore.
Project Name : Construction of Culvert in Bagalagunte Ward No 14
Agency : Sri.M.Lakshinarayana, # 354,,5th (A) Cross, K.H Road, Sharadambanagara, Jalahalli, Bangalore-13

Customer's Reference : EE/DD/W.O/513/2019-20
Source of Sample : Sample supplied by Agency
Sample Condition : Satisfactory
Date of Receipt : 17-02-20
Customer ID : Ramp Concrete
Sample Type /Size : 150X150X150 mm
Sample grade/Age : M20 / 28 Days Compressive Strength
Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test : 14/03/2020

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Ramp Concrete	M20	15/02/2020	14/03/2020	151.51 X 150.84 X 150.93	22854	**8.180**	530.0	23.2	23.3
2	Ramp Concrete	M20	15/02/2020	14/03/2020	151.22 X 149.76 X 149.36	22647	**8.010**	515.0	22.7	
3	Ramp Concrete	M20	15/02/2020	14/03/2020	150.53 X 150.76 X 151.58	22695	**8.983**	543.1	23.9	

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Lab ID : CP-2020-08-24-48 **Date: 22/02/2020**

Customer : Assistant Executive Engineer, T.Dasarahalli Sub Division, BBMP, Bangalore.

Address : T.Dasarahalli Sub Division, BBMP, Bangalore.

Project Name : Construction of Culvert in Bagalagunte Ward No 14

Agency : Sri.M.Lakshinarayana, # 354,,5th (A) Cross, K.H Road, Sharadambanagara, Jalahalli, Bangalore-13

Customer's Reference : EE/DD/W.O/513/2019-20

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 17-02-20

Customer ID : Ramp Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 22/02/2020

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Ramp Concrete	M20	15/02/2020	22/02/2020	149.67 X 151.31 X 151.07	22647	8.940	416.5	18.4	18.4
2	Ramp Concrete	M20	15/02/2020	22/02/2020	149.51 X 149.76 X 150.50	22390	8.793	419.3	18.7	
3	Ramp Concrete	M20	15/02/2020	22/02/2020	150.39 X 150.15 X 151.86	22580	8.576	409.8	18.1	

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Lab ID : **CP-2020-08-24-48** **Date: 14/03/2020**

Customer : Assistant Executive Engineer, T.Dasarahalli Sub Division, BBMP, Bangalore.

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Agency : Sri.M.Lakshinarayana, # 354,,5th (A) Cross, K.H Road, Sharadambanagara, Jalahalli, Bangalore-13

Customer's Reference : EE/DD/W.O/513/2019-20

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 17-02-20

Customer ID : Ramp Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 14/03/2020

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Ramp Concrete	M20	15/02/2020	14/03/2020	150.34 X 149.76 X 149.29	22516	**8.180**	522.3	23.2	23.1
2	Ramp Concrete	M20	15/02/2020	14/03/2020	150.70 X 151.43 X 149.10	22820	**8.010**	505.5	22.1	
3	Ramp Concrete	M20	15/02/2020	14/03/2020	151.28 X 151.15 X 150.28	22867	**8.983**	548.2	24.0	

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